

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.**

Application Serial Number: 10/567,557  
Source: IFwP  
Date Processed by STIC: 8/14/06

***ENTERED***



IFWP

RAW SEQUENCE LISTING DATE: 08/14/2006  
 PATENT APPLICATION: US/10/567,557 TIME: 13:03:53

Input Set : A:\065691-0434sequencetext.txt  
 Output Set: N:\CRF4\08142006\J567557.raw

3 <110> APPLICANT: AB Science  
 4 MOUSSY, Alain  
 5 KINET, Jean-Pierre  
 7 <120> TITLE OF INVENTION: Use of c-kit inhibitors for treating type II  
 diabetes  
 9 <130> FILE REFERENCE: D 21538  
 C--> 11 <140> CURRENT APPLICATION NUMBER: US/10/567,557  
 C--> 12 <141> CURRENT FILING DATE: 2006-02-08  
 14 <150> PRIOR APPLICATION NUMBER: US 60/495,088  
 15 <151> PRIOR FILING DATE: 2003-08-15  
 17 <160> NUMBER OF SEQ ID NOS: 5  
 19 <170> SOFTWARE: PatentIn Ver. 2.1  
 21 <210> SEQ ID NO: 1  
 22 <211> LENGTH: 976  
 23 <212> TYPE: PRT  
 24 <213> ORGANISM: Homo sapiens  
 26 <220> FEATURE:  
 27 <223> OTHER INFORMATION: Human c-kit  
 29 <400> SEQUENCE: 1  
 30 Met Arg Gly Ala Arg Gly Ala Trp Asp Phe Leu Cys Val Leu Leu Leu  
 31 1 5 10 15  
 33 Leu Leu Arg Val Gln Thr Gly Ser Ser Gln Pro Ser Val Ser Pro Gly  
 34 20 25 30  
 36 Glu Pro Ser Pro Pro Ser Ile His Pro Gly Lys Ser Asp Leu Ile Val  
 37 35 40 45  
 39 Arg Val Gly Asp Glu Ile Arg Leu Leu Cys Thr Asp Pro Gly Phe Val  
 40 50 55 60  
 42 Lys Trp Thr Phe Glu Ile Leu Asp Glu Thr Asn Glu Asn Lys Gln Asn  
 43 65 70 75 80  
 45 Glu Trp Ile Thr Glu Ala Glu Ala Thr Asn Thr Gly Lys Tyr Thr  
 46 85 90 95  
 48 Cys Thr Asn Lys His Gly Leu Ser Asn Ser Ile Tyr Val Phe Val Arg  
 49 100 105 110  
 51 Asp Pro Ala Lys Leu Phe Leu Val Asp Arg Ser Leu Tyr Gly Lys Glu  
 52 115 120 125  
 54 Asp Asn Asp Thr Leu Val Arg Cys Pro Leu Thr Asp Pro Glu Val Thr  
 55 130 135 140  
 57 Asn Tyr Ser Leu Lys Gly Cys Gln Gly Lys Pro Leu Pro Lys Asp Leu  
 58 145 150 155 160  
 60 Arg Phe Ile Pro Asp Pro Lys Ala Gly Ile Met Ile Lys Ser Val Lys  
 61 165 170 175  
 63 Arg Ala Tyr His Arg Leu Cys Leu His Cys Ser Val Asp Gln Glu Gly  
 64 180 185 190  
 66 Lys Ser Val Leu Ser Glu Lys Phe Ile Leu Lys Val Arg Pro Ala Phe

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67	195	200	205
69	Lys Ala Val Pro Val Val Ser Val Ser Lys Ala Ser Tyr Leu Leu Arg		
70	210	215	220
72	Glu Gly Glu Glu Phe Thr Val Thr Cys Thr Ile Lys Asp Val Ser Ser		
73	225	230	235
75	240	245	250
76	255	260	265
78	270	275	280
79	285	290	295
81	300	305	310
82	320	325	330
84	335	340	345
85	350	355	360
87	365	370	375
88	380	385	390
90	395	405	410
91	415	420	425
93	430	435	440
94	445	450	455
96	460	465	470
97	480	485	490
99	495	500	505
100	510	515	520
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141 Lys Thr Leu Gly Ala Gly Ala Phe Gly Lys Val Val Glu Ala Thr Ala  
142 595 600 605  
144 Tyr Gly Leu Ile Lys Ser Asp Ala Ala Met Thr Val Ala Val Lys Met  
145 610 615 620  
147 Leu Lys Pro Ser Ala His Leu Thr Glu Arg Glu Ala Leu Met Ser Glu  
148 625 630 635 640  
150 Leu Lys Val Leu Ser Tyr Leu Gly Asn His Met Asn Ile Val Asn Leu  
151 645 650 655  
153 Leu Gly Ala Cys Thr Ile Gly Gly Pro Thr Leu Val Ile Thr Glu Tyr  
154 660 665 670  
156 Cys Cys Tyr Gly Asp Leu Leu Asn Phe Leu Arg Arg Lys Arg Asp Ser  
157 675 680 685  
159 Phe Ile Cys Ser Lys Gln Glu Asp His Ala Glu Ala Ala Leu Tyr Lys  
160 690 695 700  
162 Asn Leu Leu His Ser Lys Glu Ser Ser Cys Ser Asp Ser Thr Asn Glu  
163 705 710 715 720  
165 Tyr Met Asp Met Lys Pro Gly Val Ser Tyr Val Val Pro Thr Lys Ala  
166 725 730 735  
168 Asp Lys Arg Arg Ser Val Arg Ile Gly Ser Tyr Ile Glu Arg Asp Val  
169 740 745 750  
171 Thr Pro Ala Ile Met Glu Asp Asp Glu Leu Ala Leu Asp Leu Glu Asp  
172 755 760 765  
174 Leu Leu Ser Phe Ser Tyr Gln Val Ala Lys Gly Met Ala Phe Leu Ala  
175 770 775 780  
177 Ser Lys Asn Cys Ile His Arg Asp Leu Ala Ala Arg Asn Ile Leu Leu  
178 785 790 795 800  
180 Thr His Gly Arg Ile Thr Lys Ile Cys Asp Phe Gly Leu Ala Arg Asp  
181 805 810 815  
183 Ile Lys Asn Asp Ser Asn Tyr Val Val Lys Gly Asn Ala Arg Leu Pro  
184 820 825 830  
186 Val Lys Trp Met Ala Pro Glu Ser Ile Phe Asn Cys Val Tyr Thr Phe  
187 835 840 845  
189 Glu Ser Asp Val Trp Ser Tyr Gly Ile Phe Leu Trp Glu Leu Phe Ser  
190 850 855 860  
192 Leu Gly Ser Ser Pro Tyr Pro Gly Met Pro Val Asp Ser Lys Phe Tyr  
193 865 870 875 880  
195 Lys Met Ile Lys Glu Gly Phe Arg Met Leu Ser Pro Glu His Ala Pro  
196 885 890 895  
198 Ala Glu Met Tyr Asp Ile Met Lys Thr Cys Trp Asp Ala Asp Pro Leu  
199 900 905 910  
201 Lys Arg Pro Thr Phe Lys Gln Ile Val Gln Leu Ile Glu Lys Gln Ile  
202 915 920 925  
204 Ser Glu Ser Thr Asn His Ile Tyr Ser Asn Leu Ala Asn Cys Ser Pro  
205 930 935 940  
207 Asn Arg Gln Lys Pro Val Val Asp His Ser Val Arg Ile Asn Ser Val  
208 945 950 955 960  
210 Gly Ser Thr Ala Ser Ser Ser Gln Pro Leu Leu Val His Asp Asp Val  
211 965 970 975  
217 <210> SEQ ID NO: 2

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Input Set : A:\065691-0434sequencetext.txt  
Output Set: N:\CRF4\08142006\J567557.raw

218 <211> LENGTH: 30  
219 <212> TYPE: DNA  
220 <213> ORGANISM: Homo sapiens  
222 <220> FEATURE:  
223 <223> OTHER INFORMATION: Primer  
225 <400> SEQUENCE: 2  
226 aagaagagat ggtacctcga ggggtgaccc 30  
229 <210> SEQ ID NO: 3  
230 <211> LENGTH: 33  
231 <212> TYPE: DNA  
232 <213> ORGANISM: Homo sapiens  
234 <220> FEATURE:  
235 <223> OTHER INFORMATION: Primer  
237 <400> SEQUENCE: 3  
238 ctgcttcgctg gccgcgttaa ctcttctcaa cca 33  
241 <210> SEQ ID NO: 4  
242 <211> LENGTH: 20  
243 <212> TYPE: DNA  
244 <213> ORGANISM: Homo sapiens  
246 <220> FEATURE:  
247 <223> OTHER INFORMATION: Primer  
249 <400> SEQUENCE: 4  
250 agctcggtta gtgaaccgtc 20  
253 <210> SEQ ID NO: 5  
254 <211> LENGTH: 20  
255 <212> TYPE: DNA  
256 <213> ORGANISM: Homo sapiens  
258 <220> FEATURE:  
259 <223> OTHER INFORMATION: Primer  
W--> 260 <400> SEQUENCE: 5  
261 gtcagacaaa atgatgcaac 20

VERIFICATION SUMMARY DATE: 08/14/2006  
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L:11 M:270 C: Current Application Number differs, Replaced Current Application Number  
L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:260 M:283 W: Missing Blank Line separator, <400> field identifier